

What is claimed is;

1. A driving control device for an actuator comprising:

a driving device having an electric motor to drive an actuator;

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a driving control device to control a rotation of said electric motor
by controlling the driving device,

wherein said driving control device includes an H bridge circuit
having a switching semiconductor element, and controls said electric
10 motor so as to rotate in normal and reverse directions by turning on
and/or off said switching semiconductor element,

wherein said driving control device conducts to activate and/or to
stop said electric motor by applying a PWM signal on the switching
semiconductor element constructing a lower arm of said H bridge circuit.

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2. The actuator driving control device according to Claim 1, wherein
a regenerative braking is applied to said electric motor by applying said
PWM signal to the switching semiconductor element constructing said
lower arm.

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3. The actuator driving control device according to Claim 1, wherein
said driving control device is capable of selecting a mode for applying the
PWM signal on the switching semiconductor element constructing said
lower arm or a mode for applying a driving pulse.

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4. The actuator driving control device according to Claim 1, wherein
said driving control device comprises a function for switching to apply

the driving pulse when a radio is turned on and to apply the PWM signal when said radio is turned off.

5. The actuator driving control device according to Claim 1, wherein
- 5 said driving control device switches the mode to the mode for applying the driving pulse when a targeted torque of the motor is not obtained even if the PWM signal is applied.